

## Black Carbon Emissions and Climate Change: A Technical Workshop

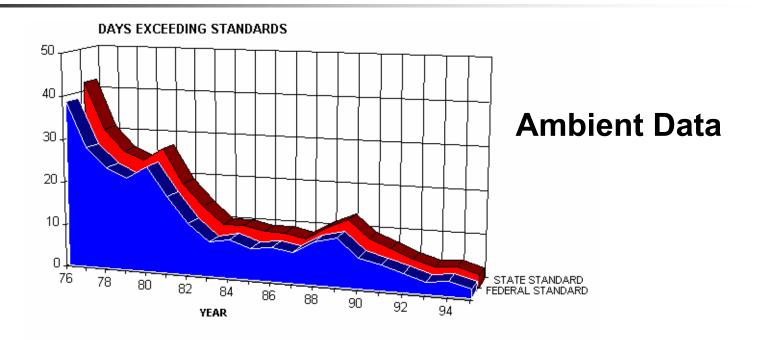
October 13-15, 2004 San Diego, CA

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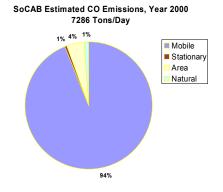




#### **South Coast Air Basin CO Trends**



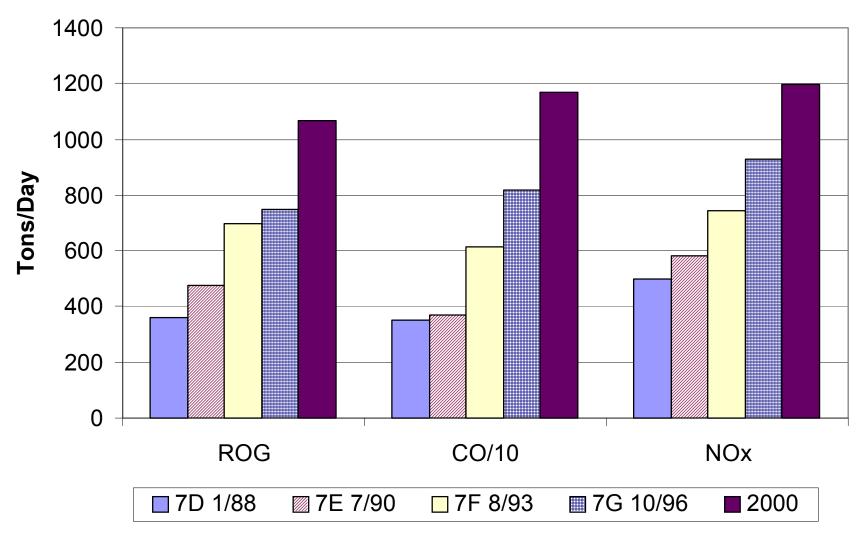
#### **Emission Inventory**



South Coast Air Basin On-Road Motor Vehicle Emissions in 1990				
	EMFAC	Release		
	Version	Date	CO, Tons/Day	
	7D	Jan-88	3,500	
	7E	Jul-90	3,700	
	7F	Aug-93	4,700	
	7G	Feb-95	8,460	



## Motor Vehicle Emissions in the South Coast Air Basin by EMFAC Model Versions for 1990 Base Year



Source: E. Fujita, Presentation at NARSTO Emission Inventory Workshop, Oct. 2003

# Workshop Objectives

- Enable communication among climate change modelers, measurement community, and emissions inventory experts
- Produce research priorities regarding aerosol black carbon and its influence on climate change
- Produce workshop document
- Submit paper summarizing workshop recommendations to J. Air & Waste Management Association



- 2 days of presentations; 5 sessions
- 30 minutes of questions/answers following each session
- Each attendee will receive two sets of forms for research topic suggestions; one for your area of expertise; the other for other topics
- Submit your suggestions to Brooke Hemming/Matt Thornton/Doug Lawson at the end of Thursday's sessions
- All suggestions will provide basis for discussions in Friday's breakout sessions

### Soot is produced by spark-ignition vehicles...and lots of other sources! (from the tailpipe of relatively new Toyota Prius at NREL)

